

Assessment of targets of the MAP kinase pathway in the developmental switch
5 between haploid invasive growth and diploid pseudohyphal development in fungi, and
identification of genes that show strong regulation by a MAPK pathway-specific
transcription factor, Tec1, are described. Also described are methods of identifying an
agent which inhibits the filamentation MAPK pathway in a fungus, and methods of
inhibiting filamentation of a fungus or invasion of a host by a fungus.